

Application No. to be assigned
In re Application of HIRATA
Preliminary Amendment

AMENDMENTS TO THE SPECIFICATION

On page 1, please add a Cross-Reference to Related Applications section prior to the Field of the Invention section as follows:

This application is a 371 National Phase of PCT/JP2005/001969 filed on February 9, 2005, which claims priority to Japanese patent application 2004-033790, filed on February 2, 2004.

On page 1, please amend the heading "BACKGROUND ART" as follows:

BACKGROUND ART FIELD OF THE INVENTION

On page 4, please amend the heading "DISCLOSURE OF THE INVENTION" as follows:

DISCLOSURE SUMMARY OF THE INVENTION

On page 4, please delete the heading "PROBLEMS TO BE SOLVED BY THE INVENTOR".

On page 4, please delete the heading "MEANS FOR SOLVING THE PROBLEMS".

Please amend the paragraph on page 5 line 31, to page 6, line 21 as follows:

In another aspect of the present invention, there is provided a method of manufacturing a filtering member including a cylindrical body formed by winding a wire. The method includes a step of forming a pattern layer of a mesh form on the outer circumferential surface of a shaft member by winding the wire on the outer circumferential surface of the shaft member and laminating the pattern layer in plural numbers in the radial direction of the shaft member. In this step, the pattern layer is formed by traversing the wire ~~between~~ in one winding end portion and another winding end portion in the axial direction of the shaft member while the traverse direction of the wire is reversed between one winding end portion and the other winding end portion, and also in the other winding end portion, a plurality of reversal positions are set to reverse the traverse direction of the wire. Further, in this step, the wire is wound so that the shortest distance in the circumferential direction between a first reversal position of the plurality of reversal positions and

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a second reversal position at which the traverse direction is reversed immediately after being reversed at the first reversal position is longer than the shortest distance in the circumferential direction between the first reversal position and a third reversal position located nearest to the first reversal position.

On page 7, please amend the heading "BEST MODE FOR CARRYING OUT THE INVENTION" as follows:

~~BEST MODE FOR CARRYING OUT THE INVENTION~~ DESCRIPTION OF THE
PREFERRED EMBODIMENTS

Please amend the paragraph on page 8, lines 17-30 as follows:

As shown in Figs. 2(a) and 2(b), the filter 15 is manufactured by winding a wire 16 such as a metallic square wire or round wire on a cylindrical bobbin 19 (refer to Figs. 3 to 7) serving as a shaft member and then by removing the bobbin 19, a cylindrical body 15a is formed having meshes. Through the clearances of the meshes of the cylindrical body 15a, the high-temperature gas generated from the gas generating agent 14 passes. At this time, the gas is cooled, and also the residues contained in the gas are filtered. The wire-wound cylindrical body 15 in accordance with the present invention uses a wire rod composed mainly of iron as the wire 16, and is formed into a cylindrical shape having an outside diameter of 60 mm and the inside diameter of 50 mm by winding the wire 16 on the outer circumferential surface of the bobbin 19 in 500 turns.

Please amend the paragraph on page 18, lines 24-27 as follows:

The wire 16 may be wound while the bobbin 19 is reciprocated in the axial direction thereof so that the wire 16 has a predetermined winding angle with respect to the axial direction of the bobbin 19.